

APPENDIX G

PILOT RETROFIT VOUCHER PROGRAM FOR ON-ROAD HEAVY-DUTY TRUCKS

PROJECT APPLICATION

March 16, 2007

**Carl Moyer Memorial Air Standards Attainment Program
2007 MULTIDISTRICT PILOT RETROFIT VOUCHER PROGRAM FOR ON-
ROAD HEAVY-DUTY TRUCKS
APPLICATION**

This application is for incentive funds to develop and implement a pilot retrofit voucher program for the following sources:

- On-road heavy-duty vehicles operating in more than one air district.

Because of the unique nature of the pilot voucher program, applications will only be accepted from local air districts. Applications from private vendors will not be accepted.

On-Road Heavy-Duty Vehicles Operating in More than One Air District

This voucher program is intended to pay for up to 100 percent of the cost of a verified PM control device or system and cost of maintenance for the term of the project. Project term is three years. All projects must be multidistrict projects, achieve emission reductions beyond all regulatory requirements, meet the minimum Carl Moyer Program eligibility criteria described in the January 6, 2006 Carl Moyer Program Guidelines and the 2006 Carl Moyer Program Advisories, and comply with the specific requirements of this solicitation. The 2006 Carl Moyer Program Guidelines and Advisories can be viewed at: <http://www.arb.ca.gov/msprog/moyer/moyer.htm>.

The Quick Calculator for On-Road Vehicles, included in this appendix, is a chart describing the dollar amount allowed in accordance with the model year and documented annual mileage of the vehicle. The additional cost of a PM + NOx reduction device may be covered in part by the program, in accordance with the Quick Calculator for On-Road Vehicles. Although there is no specific requirement for miles operated in California the Quick Calculator for On-Road Vehicles is predicated on miles operated in California – the more miles operated in California, the higher the voucher amount.

Minimum PM reduction is 85%; minimum NOx reduction is 25%. PM, or PM + NOx, devices may be installed only on engines for which the device has been approved by the ARB through the certification/verification process or by executive order.

Engines included in the U.S. EPA and ARB Consent Decrees and Settlement Agreements for model years 1993 through 1998 must have an ARB-certified low NOx calibration prior to installation of a PM reduction device.

As with other Carl Moyer programs that are administered by air districts, up to 5 percent of the award will be provided, in addition to the actual award, to be used for program administration costs.

The grantee air district may require the project vehicle(s) to be equipped with an electronic monitoring unit (EMU) in order to capture information regarding general vehicle use, mileage, and operation. The cost of an EMU, including monitoring cost over the project life, is an eligible Moyer cost and must be included in the cost-effectiveness calculations. The grantee air district may also, at its discretion, elect to choose an alternative procedure to capture and document the above vehicle information.

Applicants are required to submit all items in the checklist below.

An applicant workshop will be held Friday, March 30, 2007, from 1:00 p.m. to 4:00 p.m. in the Coastal Hearing Room at the Air Resources Board facility located at 1001 I Street, Sacramento, California. Applicants choosing to participate may do so in person or via conference call. The call-in number is (888) 373-3590 and the participant code is 62343. The intent of the workshop is to provide potential project applicants with an opportunity to ask clarifying questions regarding general project requirements and specific technology questions. Written questions submitted before the workshop will be given priority. Questions may be e-mailed to Ms. Grace Garcia at ggarcia@arb.ca.gov, or faxed to Ms. Garcia at (916) 323-2781. Questions may be submitted up to the close of business Friday, March 23, 2007. The questions and answers will be posted on the ARB website no later than Friday, April 6, 2007. Questions asked after the workshop will be answered and posted on the internet on a staff availability basis. Any verbal communication with an ARB employee concerning this solicitation is not binding on the State and shall in no way alter a specification, term or condition of the solicitation.

In accordance with the Guidelines, applicants must disclose if they have applied for or received public financial assistance that reduces the project cost, including tax credits or deductions, grants, or any other public financial assistance given for the vehicles and engines listed in this application. The applicant must reduce the incremental cost of the project by the amount of any current financial incentive received. Any applicant failing to report additional funding for this project may be banned from future participation in the Carl Moyer Program and be subject to criminal sanctions.

Final project selection will be completed by June 1, 2007 and successful applicants will be notified immediately. Questions regarding the application process should be directed to Ms. Grace Garcia at (916) 323-2781.

CHECK LIST FOR APPLICATION ITEMS

Be sure the following items are included with the application submittal. Check each applicable box below to indicate inclusion of material.

- ☐ Completed and signed application.
- ☐ Project development and implementation plan (see Appendix I), including:
 - A description of how vehicle/engines will be targeted for program participation. Applicant should target vehicles/engines in a horsepower

range that can be supported by one PM or PM/NOx reduction device. Engines with horsepower above 450 may require more than one device, rendering them non cost effective.

- Identification of the facility or facilities where the device(s) will be installed. If the facility has not been identified at the time of proposal submittal, how will a facility be selected?
- A description of how the minimum mileage operated in California will be verified and reported. This could be by reviewing prior driver logs to determine average mileage, self-certification by the owner-operator, submission of fuel receipts during the project term, or availability of records during the project term for verification.
- A description of how any required maintenance that is specified by the retrofit device manufacturer will be monitored and enforced.
- A description of planned outreach efforts designed to solicit program participation.

Eligibility Criteria

- Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.
- No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.
- No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.
- All aftermarket emission controls (retrofits) must be verified by ARB.

**ON-ROAD HEAVY-DUTY VEHICLE RETROFIT VOUCHER PROGRAM
APPLICATION**

Please print clearly or type all information on this application and on all attachments.

A. APPLICANT INFORMATION

1. Air District:		
2. Contact name and title:		
3. Person with contract signing authority (if different from above):		
4. Business mailing address and contact information:		
Street:		
City:	State:	Zip code:
Phone: ()		Fax: ()
E-mail:		

I hereby certify that all information provided in this application and any attachments are true and correct.

Printed Name of Responsible Party:	Title:
Signature of Responsible Party:	Date: